

IN THE CLAIMS:

Please amend claims 9, 14-16, 25, 30 and 31 to read as follows:

A¹

1 9. (Amended) An appliance maintenance apparatus for maintaining an appliance
2 including a plurality of light outdoors emitting lights showing the operation states of said
3 appliance, comprising:
4 light detecting means for detecting said lights emitted from said light indicators.

A²

1 14. (Amended) An appliance maintenance apparatus as set forth in claim 1 or 9,
2 in which said lights collectively form light information, and which further comprises light
3 information indicating means for indicating said light information detected by said light
4 detecting means.

1 15. (Amended) An appliance maintenance apparatus as set forth in claim 1 or 9,
2 in which said lights collectively form light information, and which further comprises light
3 information storage means for storing light information detected by said light detecting
4 means.

1 16. (Amended) An appliance maintenance apparatus as set forth in claim 1 or 9,
2 which further comprises a remote diagnosis control unit for remotely diagnosing said one
3 or more appliances, a communication unit for communicating with said remote diagnosis
4 control unit, and a communication cable operatively connected to said remote diagnosis
5 control unit and said communication unit to ensure communication between said remote
6 diagnosis control unit and said communication unit.

A3
1 25. (Amended) An appliance remote maintenance system for maintaining an
2 appliance from a remote location, said appliance including a plurality of light indicators
3 emitting lights showing the operation states of said appliance, comprising:

4 an appliance maintenance apparatus including light detecting means for detecting
5 said lights emitted from said light indicators, said lights collectively form light
6 information, and information transmitting means for transmitting said light information
7 detected by said light detecting means through a public network, and

8 a remote diagnosis control apparatus including information receiving means for
9 receiving said information transmitted from said information transmitting means through
10 said public network to ensure the remote diagnosis control of said appliance.

A4
1 30. (Amended) An appliance remote maintenance system as set forth in claim 17
2 or 25, which further comprises light information indicating means for indicating light
3 information detected by said light information detecting means of said appliance
4 maintenance apparatus.

1 31. (Amended) An appliance remote maintenance system as set forth in claim 17
2 or 25, which further comprises light information storage means for storing light
3 information detected by said light detecting means of said appliance maintenance
4 apparatus.

IN THE ABSTRACT:

A new copy of the abstract is enclosed herewith on a separate sheet.

ABSTRACT OF THE DISCLOSURE

1 An appliance maintenance apparatus for contactlessly detecting the operation
2 states of appliances and operating the appliances in response to the operation states of the
3 appliances, and an appliance remote maintenance system which comprises a plurality of
4 appliance maintenance apparatuses, and a remote diagnosis control apparatus which is
5 communicatable with the appliance maintenance apparatus through a public network to
6 ensure the remote diagnosis control of the appliance maintenance apparatus from a
7 remote place.